Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

15 August, 2003

Bruce Lewis
Environmental Resources Management
2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833

RE: Aerojet RI/FS
Work Order: P307532

Enclosed are the results of analyses for samples received by the laboratory on 07/28/03 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari For Mark Shipman
Project Manager

CA ELAP Certificate #2374

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
35D-SB26-6	P307532-01	Soil	07/25/03 16:06	07/28/03 17:25
35D-SB26-11	P307532-02	Soil	07/25/03 16:19	07/28/03 17:25
35D-SB26-15E	P307532-03	Water	07/25/03 16:31	07/28/03 17:25
35D-SB26-15	P307532-04	Soil	07/25/03 16:49	07/28/03 17:25
35D-SB26-30	P307532-06	Soil	07/28/03 10:44	07/28/03 17:25
35D-SB26-35	P307532-07	Soil	07/28/03 11:05	07/28/03 17:25
35D-SB26-35D	P307532-08	Soil	07/28/03 11:05	07/28/03 17:25
35D-SB26-40	P307532-09	Soil	07/28/03 11:39	07/28/03 17:25
35D-SB26-45	P307532-10	Soil	07/28/03 12:02	07/28/03 17:25
35D-SB26-2.5	P307532-11	Soil	07/28/03 15:48	07/28/03 17:25
35D-SB26-20E	P307532-12	Water	07/28/03 15:54	07/28/03 17:25

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Tentatively Identified Compounds by GC/MS

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-6 (P307532-01) Soil Sampled: 07/25/03 16:06 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
35D-SB26-11 (P307532-02) Soil Sampled: 07/25/03 16:19 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
35D-SB26-15E (P307532-03) Water Sampled: 07/25/03 16:31 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	
35D-SB26-15 (P307532-04) Soil Sampled: 07/25/03 16:49 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
35D-SB26-30 (P307532-06) Soil Sampled: 07/28/03 10:44 Received: 07/28/03 17:25									
Unknown alkane 1	**300**	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
35D-SB26-35 (P307532-07) Soil Sampled: 07/28/03 11:05 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
35D-SB26-35D (P307532-08) Soil Sampled: 07/28/03 11:05 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
35D-SB26-40 (P307532-09) Soil Sampled: 07/28/03 11:39 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
35D-SB26-45 (P307532-10) Soil Sampled: 07/28/03 12:02 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Tentatively Identified Compounds by GC/MS

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-2.5 (P307532-11) Soil Sampled: 07/28/03 15:48 Received: 07/28/03 17:25									
Unknown alkane 1	**300**	10	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
35D-SB26-20E (P307532-12) Water Sampled: 07/28/03 15:54 Received: 07/28/03 17:25									
No TICs found	ND	10	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-6 (P307532-01) Soil Sampled: 07/25/03 16:06 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-6 (P307532-01) Soil Sampled: 07/25/03 16:06 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*63 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*72 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*76 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*77 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*77 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*99 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-11 (P307532-02) Soil Sampled: 07/25/03 16:19 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-11 (P307532-02) Soil Sampled: 07/25/03 16:19 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*67 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*76 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*80 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*82 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*85 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-15E (P307532-03) Water Sampled: 07/25/03 16:31 Received: 07/28/03 17:25									
Acenaphthene	ND	11	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	
Acenaphthylene	ND	11	"	"	"	"	"	"	
Anthracene	ND	11	"	"	"	"	"	"	
Azobenzene	ND	21	"	"	"	"	"	"	
Benzidine	ND	53	"	"	"	"	"	"	
Benzoic acid	ND	53	"	"	"	"	"	"	
Benzo (a) anthracene	ND	11	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	11	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	11	"	"	"	"	"	"	
Benzo (a) pyrene	ND	11	"	"	"	"	"	"	
Benzyl alcohol	ND	21	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	11	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	11	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	11	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	11	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	11	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	"	"	"	"	"	"	
4-Chloroaniline	ND	21	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	21	"	"	"	"	"	"	
2-Chloronaphthalene	ND	11	"	"	"	"	"	"	
2-Chlorophenol	ND	11	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	11	"	"	"	"	"	"	
Chrysene	ND	11	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	11	"	"	"	"	"	"	
Dibenzofuran	ND	11	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	11	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	11	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	11	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	11	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	21	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	11	"	"	"	"	"	"	
Diethyl phthalate	ND	11	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	11	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	53	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	53	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	11	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	11	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	"	"	"	"	"	"	
Fluoranthene	ND	11	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-15E (P307532-03) Water Sampled: 07/25/03 16:31 Received: 07/28/03 17:25									
Fluorene	ND	11	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	
Hexachlorobenzene	ND	11	"	"	"	"	"	"	
Hexachlorobutadiene	ND	11	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	11	"	"	"	"	"	"	
Hexachloroethane	ND	11	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	"	"	"	"	"	"	
Isophorone	ND	11	"	"	"	"	"	"	
2-Methylnaphthalene	ND	11	"	"	"	"	"	"	
2-Methylphenol	ND	11	"	"	"	"	"	"	
4-Methylphenol	ND	11	"	"	"	"	"	"	
Naphthalene	ND	11	"	"	"	"	"	"	
2-Nitroaniline	ND	53	"	"	"	"	"	"	
3-Nitroaniline	ND	53	"	"	"	"	"	"	
4-Nitroaniline	ND	53	"	"	"	"	"	"	
Nitrobenzene	ND	11	"	"	"	"	"	"	
2-Nitrophenol	ND	11	"	"	"	"	"	"	
4-Nitrophenol	ND	53	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	21	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	11	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	11	"	"	"	"	"	"	
Pentachlorophenol	ND	53	"	"	"	"	"	"	
Phenanthrene	ND	11	"	"	"	"	"	"	
Phenol	ND	11	"	"	"	"	"	"	
Pyrene	ND	11	"	"	"	"	"	"	
Pyridine	ND	11	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	11	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	11	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	11	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*63 %*	*15-103*		"	"	"	"	
Surrogate: Phenol-d6		*71 %*	*18-115*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*90 %*	*39-103*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*91 %*	*40-124*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*91 %*	*11-142*		"	"	"	"	
Surrogate: Terphenyl-d14		*65 %*	*56-139*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-15 (P307532-04) Soil Sampled: 07/25/03 16:49 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-15 (P307532-04) Soil Sampled: 07/25/03 16:49 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*62 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*71 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*74 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*76 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*77 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*96 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-30 (P307532-06) Soil Sampled: 07/28/03 10:44 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**65**	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-30 (P307532-06) Soil Sampled: 07/28/03 10:44 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*59 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*68 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*67 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*69 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*78 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*100 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-35 (P307532-07) Soil Sampled: 07/28/03 11:05 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-35 (P307532-07) Soil Sampled: 07/28/03 11:05 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*65 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*74 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*77 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*77 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*76 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*99 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-35D (P307532-08) Soil Sampled: 07/28/03 11:05 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-35D (P307532-08) Soil	**Sampled: 07/28/03 11:05**	**Received: 07/28/03 17:25**							
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*57 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*65 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*66 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*68 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*74 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*99 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-40 (P307532-09) Soil Sampled: 07/28/03 11:39 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-40 (P307532-09) Soil Sampled: 07/28/03 11:39 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/07/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*64 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*71 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*76 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*76 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*78 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*100 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-45 (P307532-10) Soil Sampled: 07/28/03 12:02 Received: 07/28/03 17:25									
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-45 (P307532-10) Soil Sampled: 07/28/03 12:02 Received: 07/28/03 17:25									
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*54 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*63 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*60 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*55 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*63 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*94 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-2.5 (P307532-11) Soil	**Sampled: 07/28/03 15:48**	**Received: 07/28/03 17:25**							
Acenaphthene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Azobenzene	ND	330	"	"	"	"	"	"	
Benzidine	ND	1700	"	"	"	"	"	"	
Benzoic acid	ND	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzyl alcohol	ND	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**39**	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-2.5 (P307532-11) Soil	**Sampled: 07/28/03 15:48**	**Received: 07/28/03 17:25**							
Fluorene	ND	330	ug/kg	1	3070671	07/31/03	08/08/03	EPA 8270C	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Methylphenol	ND	330	"	"	"	"	"	"	
4-Methylphenol	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	1700	"	"	"	"	"	"	
Nitrobenzene	ND	330	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
4-Nitrophenol	ND	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	1700	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*54 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*66 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*83 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*92 %*	*64-119*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-20E (P307532-12) Water Sampled: 07/28/03 15:54 Received: 07/28/03 17:25									
Acenaphthene	ND	10	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	
Acenaphthylene	ND	10	"	"	"	"	"	"	
Anthracene	ND	10	"	"	"	"	"	"	
Azobenzene	ND	20	"	"	"	"	"	"	
Benzidine	ND	51	"	"	"	"	"	"	
Benzoic acid	ND	51	"	"	"	"	"	"	
Benzo (a) anthracene	ND	10	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	20	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	10	"	"	"	"	"	"	
4-Chloroaniline	ND	20	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	20	"	"	"	"	"	"	
2-Chloronaphthalene	ND	10	"	"	"	"	"	"	
2-Chlorophenol	ND	10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	10	"	"	"	"	"	"	
Dibenzofuran	ND	10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	20	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	10	"	"	"	"	"	"	
Diethyl phthalate	ND	10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	51	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	51	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	10	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	10	"	"	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
35D-SB26-20E (P307532-12) Water Sampled: 07/28/03 15:54 Received: 07/28/03 17:25									
Fluorene	ND	10	ug/l	1	3070657	07/30/03	08/07/03	EPA 8270C	
Hexachlorobenzene	ND	10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	"	"	"	"	"	"	
2-Methylphenol	ND	10	"	"	"	"	"	"	
4-Methylphenol	ND	10	"	"	"	"	"	"	
Naphthalene	ND	10	"	"	"	"	"	"	
2-Nitroaniline	ND	51	"	"	"	"	"	"	
3-Nitroaniline	ND	51	"	"	"	"	"	"	
4-Nitroaniline	ND	51	"	"	"	"	"	"	
Nitrobenzene	ND	10	"	"	"	"	"	"	
2-Nitrophenol	ND	10	"	"	"	"	"	"	
4-Nitrophenol	ND	51	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	20	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	51	"	"	"	"	"	"	
Phenanthrene	ND	10	"	"	"	"	"	"	
Phenol	ND	10	"	"	"	"	"	"	
Pyrene	ND	10	"	"	"	"	"	"	
Pyridine	ND	10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	10	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*64 %*	*15-103*		"	"	"	"	
Surrogate: Phenol-d6		*73 %*	*18-115*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*90 %*	*39-103*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*92 %*	*40-124*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*92 %*	*11-142*		"	"	"	"	
Surrogate: Terphenyl-d14		*103 %*	*56-139*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Tentatively Identified Compounds by GC/MS - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070657 - EPA 3520B LiqLiquid										
Blank (3070657-BLK1)				Prepared: 07/30/03 Analyzed: 08/07/03						
No TICs found	ND	10	ug/l							
Batch 3070671 - EPA 3550A Sonication										
Blank (3070671-BLK1)				Prepared: 07/31/03 Analyzed: 08/07/03						
No TICs found	ND	10	ug/kg							

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070657 - EPA 3520B LiqLiquid										
Blank (3070657-BLK1)				Prepared: 07/30/03 Analyzed: 08/07/03						
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	"							
Anthracene	ND	10	"							
Azobenzene	ND	20	"							
Benzidine	ND	50	"							
Benzoic acid	ND	50	"							
Benzo (a) anthracene	ND	10	"							
Benzo (b+k) fluoranthene (total)	ND	10	"							
Benzo (g,h,i) perylene	ND	10	"							
Benzo (a) pyrene	ND	10	"							
Benzyl alcohol	ND	20	"							
Bis(2-chloroethoxy)methane	ND	10	"							
Bis(2-chloroethyl)ether	ND	10	"							
Bis(2-chloroisopropyl)ether	ND	10	"							
Bis(2-ethylhexyl)phthalate	ND	10	"							
4-Bromophenyl phenyl ether	ND	10	"							
Butyl benzyl phthalate	ND	10	"							
4-Chloroaniline	ND	20	"							
4-Chloro-3-methylphenol	ND	20	"							
2-Chloronaphthalene	ND	10	"							
2-Chlorophenol	ND	10	"							
4-Chlorophenyl phenyl ether	ND	10	"							
Chrysene	ND	10	"							
Dibenz (a,h) anthracene	ND	10	"							
Dibenzofuran	ND	10	"							
Di-n-butyl phthalate	ND	10	"							
1,2-Dichlorobenzene	ND	10	"							
1,3-Dichlorobenzene	ND	10	"							
1,4-Dichlorobenzene	ND	10	"							
3,3´-Dichlorobenzidine	ND	20	"							
2,4-Dichlorophenol	ND	10	"							
Diethyl phthalate	ND	10	"							
2,4-Dimethylphenol	ND	10	"							
Dimethyl phthalate	ND	10	"							
4,6-Dinitro-2-methylphenol	ND	50	"							
2,4-Dinitrophenol	ND	50	"							

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070657 - EPA 3520B LiqLiquid										
Blank (3070657-BLK1)				Prepared: 07/30/03 Analyzed: 08/07/03						
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	"							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	10	"							
Fluorene	ND	10	"							
Hexachlorobenzene	ND	10	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	10	"							
2-Methylnaphthalene	ND	10	"							
2-Methylphenol	ND	10	"							
4-Methylphenol	ND	10	"							
Naphthalene	ND	10	"							
2-Nitroaniline	ND	50	"							
3-Nitroaniline	ND	50	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	10	"							
2-Nitrophenol	ND	10	"							
4-Nitrophenol	ND	50	"							
N-Nitrosodimethylamine	ND	20	"							
N-Nitrosodiphenylamine	ND	10	"							
N-Nitrosodi-n-propylamine	ND	10	"							
Pentachlorophenol	ND	50	"							
Phenanthrene	ND	10	"							
Phenol	ND	10	"							
Pyrene	ND	10	"							
Pyridine	ND	10	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	10	"							
2,4,6-Trichlorophenol	ND	10	"							
Surrogate: 2-Fluorophenol	*92.8*		*"*	*150*		*62*	*15-103*			
Surrogate: Phenol-d6	*109*		*"*	*150*		*73*	*18-115*			
Surrogate: Nitrobenzene-d5	*86.9*		*"*	*100*		*87*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*87.4*		*"*	*100*		*87*	*40-124*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070657 - EPA 3520B LiqLiquid										
Blank (3070657-BLK1)				Prepared: 07/30/03 Analyzed: 08/07/03						
Surrogate: 2,4,6-Tribromophenol	*137*		*"*	*150*		*91*	*11-142*			
Surrogate: Terphenyl-d14	*121*		*"*	*100*		*121*	*56-139*			
Laboratory Control Sample (3070657-BS1)				Prepared: 07/30/03 Analyzed: 08/07/03						
Acenaphthene	106	10	ug/l	100		106	58-120			
4-Chloro-3-methylphenol	114	20	"	100		114	51-116			
2-Chlorophenol	94.7	10	"	100		95	28-111			
1,4-Dichlorobenzene	86.8	10	"	100		87	29-108			
2,4-Dinitrotoluene	123	10	"	100		123	60-114			Q-LIM
4-Nitrophenol	95.5	50	"	100		96	25-148			
N-Nitrosodi-n-propylamine	102	10	"	100		102	29-119			
Pentachlorophenol	108	50	"	100		108	40-131			
Phenol	85.8	10	"	100		86	22-117			
Pyrene	120	10	"	100		120	52-127			
1,2,4-Trichlorobenzene	97.7	10	"	100		98	24-131			
Surrogate: 2-Fluorophenol	*117*		*"*	*150*		*78*	*15-103*			
Surrogate: Phenol-d6	*129*		*"*	*150*		*86*	*18-115*			
Surrogate: Nitrobenzene-d5	*102*		*"*	*100*		*102*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*101*		*"*	*100*		*101*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*170*		*"*	*150*		*113*	*11-142*			
Surrogate: Terphenyl-d14	*118*		*"*	*100*		*118*	*56-139*			
Laboratory Control Sample Dup (3070657-BSD1)				Prepared: 07/30/03 Analyzed: 08/07/03						
Acenaphthene	101	10	ug/l	100		101	58-120	5	27	
4-Chloro-3-methylphenol	111	20	"	100		111	51-116	3	30	
2-Chlorophenol	90.0	10	"	100		90	28-111	5	39	
1,4-Dichlorobenzene	79.6	10	"	100		80	29-108	9	41	
2,4-Dinitrotoluene	120	10	"	100		120	60-114	2	22	Q-LIM
4-Nitrophenol	90.2	50	"	100		90	25-148	6	44	
N-Nitrosodi-n-propylamine	97.9	10	"	100		98	29-119	4	44	
Pentachlorophenol	106	50	"	100		106	40-131	2	33	
Phenol	81.6	10	"	100		82	22-117	5	33	
Pyrene	118	10	"	100		118	52-127	2	25	
1,2,4-Trichlorobenzene	90.7	10	"	100		91	24-131	7	48	
Surrogate: 2-Fluorophenol	*111*		*"*	*150*		*74*	*15-103*			
Surrogate: Phenol-d6	*123*		*"*	*150*		*82*	*18-115*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070657 - EPA 3520B LiqLiquid										
Laboratory Control Sample Dup (3070657-BSD1)				Prepared: 07/30/03 Analyzed: 08/07/03						
Surrogate: Nitrobenzene-d5	*99.0*		*ug/l*	*100*		*99*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*96.9*		*"*	*100*		*97*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*169*		*"*	*150*		*113*	*11-142*			
Surrogate: Terphenyl-d14	*115*		*"*	*100*		*115*	*56-139*			
Batch 3070671 - EPA 3550A Sonication										
Blank (3070671-BLK1)				Prepared: 07/31/03 Analyzed: 08/08/03						
3-Methylphenol	ND	330	ug/kg							
Aniline	ND	330	"							
Acenaphthene	ND	330	"							
Acenaphthylene	ND	330	"							
Anthracene	ND	330	"							
Azobenzene	ND	330	"							
Benzidine	ND	1700	"							
Benzoic acid	ND	1700	"							
Benzo (a) anthracene	ND	330	"							
Benzo (b+k) fluoranthene (total)	ND	330	"							
Benzo (g,h,i) perylene	ND	330	"							
Benzo (a) pyrene	ND	330	"							
Benzyl alcohol	ND	660	"							
Bis(2-chloroethoxy)methane	ND	330	"							
Bis(2-chloroethyl)ether	ND	330	"							
Bis(2-chloroisopropyl)ether	ND	330	"							
Bis(2-ethylhexyl)phthalate	ND	330	"							
4-Bromophenyl phenyl ether	ND	330	"							
Butyl benzyl phthalate	ND	330	"							
4-Chloroaniline	ND	660	"							
4-Chloro-3-methylphenol	ND	660	"							
2-Chloronaphthalene	ND	330	"							
2-Chlorophenol	ND	330	"							
4-Chlorophenyl phenyl ether	ND	330	"							
Chrysene	ND	330	"							
Dibenz (a,h) anthracene	ND	330	"							
Dibenzofuran	ND	330	"							
Di-n-butyl phthalate	ND	330	"							
1,2-Dichlorobenzene	ND	330	"							

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070671 - EPA 3550A Sonication										
Blank (3070671-BLK1)				Prepared: 07/31/03 Analyzed: 08/07/03						
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	"							
3,3´-Dichlorobenzidine	ND	660	"							
2,4-Dichlorophenol	ND	330	"							
Diethyl phthalate	ND	330	"							
2,4-Dimethylphenol	ND	330	"							
Dimethyl phthalate	ND	330	"							
4,6-Dinitro-2-methylphenol	ND	1700	"							
2,4-Dinitrophenol	ND	1700	"							
2,4-Dinitrotoluene	ND	330	"							
2,6-Dinitrotoluene	ND	330	"							
Di-n-octyl phthalate	ND	330	"							
Fluoranthene	ND	330	"							
Fluorene	ND	330	"							
Hexachlorobenzene	ND	330	"							
Hexachlorobutadiene	ND	330	"							
Hexachlorocyclopentadiene	ND	330	"							
Hexachloroethane	ND	330	"							
Indeno (1,2,3-cd) pyrene	ND	330	"							
Isophorone	ND	330	"							
2-Methylnaphthalene	ND	330	"							
2-Methylphenol	ND	330	"							
4-Methylphenol	ND	330	"							
Naphthalene	ND	330	"							
2-Nitroaniline	ND	1700	"							
3-Nitroaniline	ND	1700	"							
4-Nitroaniline	ND	1700	"							
Nitrobenzene	ND	330	"							
2-Nitrophenol	ND	330	"							
4-Nitrophenol	ND	1700	"							
N-Nitrosodimethylamine	ND	330	"							
N-Nitrosodiphenylamine	ND	330	"							
N-Nitrosodi-n-propylamine	ND	330	"							
Pentachlorophenol	ND	1700	"							
Phenanthrene	ND	330	"							
Phenol	ND	330	"							

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070671 - EPA 3550A Sonication										
Blank (3070671-BLK1)				Prepared: 07/31/03 Analyzed: 08/07/03						
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	"							
2,4,5-Trichlorophenol	ND	330	"							
2,4,6-Trichlorophenol	ND	330	"							
Surrogate: 2-Fluorophenol	*2910*		"	*5000*		*58*	*11-120*			
Surrogate: Phenol-d6	*3290*		"	*5000*		*66*	*16-130*			
Surrogate: Nitrobenzene-d5	*2280*		"	*3330*		*68*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2440*		"	*3330*		*73*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*3710*		"	*5000*		*74*	*51-144*			
Surrogate: Terphenyl-d14	*3320*		"	*3330*		*100*	*64-119*			
Laboratory Control Sample (3070671-BS1)				Prepared: 07/31/03 Analyzed: 08/07/03						
Acenaphthene	2680	330	ug/kg	3330		80	34-114			
4-Chloro-3-methylphenol	2880	660	"	3330		86	24-118			
2-Chlorophenol	2400	330	"	3330		72	29-101			
1,4-Dichlorobenzene	2360	330	"	3330		71	25-104			
2,4-Dinitrotoluene	3250	330	"	3330		98	42-116			
4-Nitrophenol	3010	1700	"	3330		90	31-109			
N-Nitrosodi-n-propylamine	2540	330	"	3330		76	23-117			
Pentachlorophenol	3010	1700	"	3330		90	34-114			
Phenol	2370	330	"	3330		71	20-105			
Pyrene	3430	330	"	3330		103	30-124			
1,2,4-Trichlorobenzene	2640	330	"	3330		79	28-112			
Surrogate: 2-Fluorophenol	*3330*		"	*5000*		*67*	*11-120*			
Surrogate: Phenol-d6	*3470*		"	*5000*		*69*	*16-130*			
Surrogate: Nitrobenzene-d5	*2690*		"	*3330*		*81*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2660*		"	*3330*		*80*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4760*		"	*5000*		*95*	*51-144*			
Surrogate: Terphenyl-d14	*3480*		"	*3330*		*105*	*64-119*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project: Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/15/03 12:43

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070671 - EPA 3550A Sonication										
Matrix Spike (3070671-MS1)	**Source: P307532-09**			Prepared: 07/31/03 Analyzed: 08/07/03						
Acenaphthene	2560	330	ug/kg	3330	ND	77	30-110			
4-Chloro-3-methylphenol	2770	660	"	3330	ND	83	27-109			
2-Chlorophenol	2330	330	"	3330	ND	70	24-98			
1,4-Dichlorobenzene	2310	330	"	3330	ND	69	24-89			
2,4-Dinitrotoluene	2950	330	"	3330	ND	89	35-110			
4-Nitrophenol	2750	1700	"	3330	ND	83	20-110			
N-Nitrosodi-n-propylamine	2490	330	"	3330	ND	75	23-109			
Pentachlorophenol	2540	1700	"	3330	ND	76	25-123			
Phenol	2310	330	"	3330	ND	69	19-100			
Pyrene	3110	330	"	3330	ND	93	12-131			
1,2,4-Trichlorobenzene	2500	330	"	3330	ND	75	17-110			
Surrogate: 2-Fluorophenol	*3220*		*"*	*5000*		*64*	*11-120*			
Surrogate: Phenol-d6	*3370*		*"*	*5000*		*67*	*16-130*			
Surrogate: Nitrobenzene-d5	*2560*		*"*	*3330*		*77*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2510*		*"*	*3330*		*75*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4210*		*"*	*5000*		*84*	*51-144*			
Surrogate: Terphenyl-d14	*3110*		*"*	*3330*		*93*	*64-119*			
Matrix Spike Dup (3070671-MSD1)	**Source: P307532-09**			Prepared: 07/31/03 Analyzed: 08/07/03						
Acenaphthene	2450	330	ug/kg	3330	ND	74	30-110	4	26	
4-Chloro-3-methylphenol	2570	660	"	3330	ND	77	27-109	7	21	
2-Chlorophenol	2150	330	"	3330	ND	65	24-98	8	27	
1,4-Dichlorobenzene	2150	330	"	3330	ND	65	24-89	7	25	
2,4-Dinitrotoluene	2870	330	"	3330	ND	86	35-110	3	15	
4-Nitrophenol	2530	1700	"	3330	ND	76	20-110	8	23	
N-Nitrosodi-n-propylamine	2320	330	"	3330	ND	70	23-109	7	31	
Pentachlorophenol	2350	1700	"	3330	ND	71	25-123	8	43	
Phenol	2230	330	"	3330	ND	67	19-100	4	21	
Pyrene	3020	330	"	3330	ND	91	12-131	3	26	
1,2,4-Trichlorobenzene	2320	330	"	3330	ND	70	17-110	7	30	
Surrogate: 2-Fluorophenol	*2920*		*"*	*5000*		*58*	*11-120*			
Surrogate: Phenol-d6	*3160*		*"*	*5000*		*63*	*16-130*			
Surrogate: Nitrobenzene-d5	*2380*		*"*	*3330*		*71*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2380*		*"*	*3330*		*71*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4020*		*"*	*5000*		*80*	*51-144*			
Surrogate: Terphenyl-d14	*3010*		*"*	*3330*		*90*	*64-119*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Environmental Resources Management	Project:	Aerojet RI/FS	P307532
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	08/15/03 12:43

Notes and Definitions

J	Estimated value.
Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

GenCorp
Aerojet

Chain of Custody Record

№ 1105

E.T.R. NO:
WORK ORDER NO:
SOURCE SITE NO:
AUGER HOLE NO:

SAMPLERS (SIGNATURE): DEMIAN WINCELE

COC SAMPLE ID	FIELD SAMPLE NO.	DEPTH (FT.)	DATE MM/DD/YY	TIME	TYPE OF CONTAINER	# OF SAMPLE CONTAINERS	SOIL TYPE (USCS CODE)	VOLATILE ORGANICS EPA 8240	BNA's EPA 8270	METALS EPA 6010	PERCHLORATE EDL-SW-006	SVOC by 8270					LABORATORY QA/QC	REMARKS P307532
1105 A	35D-SB26-6	6	07/25/03	1606	2x6" BRASS	1	GM					X						REPORT TICs -01
1105 B	35D-SB26-11	11	07/25/03	1619	↓		GM					X						-02
1105 C	35D-SB26-15E	—	07/25/03	1631	1L AMBER		—					X						-03
1105 D	35D-SB26-15	15	07/25/03	1649	2x6" BRASS	↓	GM					X						-04
1105 E	35D-SB26-20	20	07/28/03	940		1	GP					X						REPORT TICs limited sample volume
1105 F	35D-SB26-30	30	07/28/03	1044			GC					X						-6
1105 G	35D-SB26-35	35	07/28/03	1105			SM					X						-7
1105 H	35D-SB26-35D	35	07/28/03	1105			SM					X						-8
1105 I	35D-SB26-40	40	07/28/03	1139			SM					X						-9
1105 J	35D-SB26-45	45	07/28/03	1202			SM					X						-10
1105 K	35D-SB26-2.5	2.5	07/28/03	1548	↓		GM					X						-11
1105 L	35D-SB26-20E	—	07/28/03	1554	1L Amber	↓	—					X						-12
1105 M			/ /															
1105 N			/ /															
1105 O			/ /															COOLER CUSTODY SEALS INTACT ☐
1105 P			/ /															NOT INTACT ☐
1105 Q			/ /															COOLER TEMPERATURE 2.3 °C
TOTALS																		

RELINQUISHED BY: (SIGNATURE) DEMIAN WINCELE	DATE/TIME 07/28/03 1558	RECEIVED BY: (SIGNATURE) Kristina Williams	TOTAL NO. OF SAMPLE CONTAINERS: 12
RELINQUISHED BY: (SIGNATURE) Kristina Williams	DATE/TIME 7/28/03 1623	RECEIVED BY: (SIGNATURE) 4/150 : 083	METHOD OF SHIPMENT: Courier
RELINQUISHED BY: (SIGNATURE)	DATE/TIME 7/28/03 1725	RECEIVED BY LABORATORY BY: (SIGNATURE) Monica Gegzen SGSAC Rec'd 10°C	LABORATORY DELIVERED TO:

COMMENTS: Monica Gegzen SGSAC 7/29/03 7-29 SGC 1230

ORIGINAL – ENVIRONMENTAL OPERATIONS: *WHITE* 2ND COPY – LABORATORY: *YELLOW* 3RD COPY – SAMPLER: *PINK*

7/29/03 1430 atlas

7.67.35 v. 4

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Aerojet
REC. BY (PRINT) TC
WORKORDER: P307532

DATE Received at Lab: 7/29/03
TIME Received at Lab: 1630
LOG IN DATE: 7/29/03

(Drinking water) for regulatory purposes: YES/NO
(Wastewater) for regulatory purposes: YES/NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent			35D-SB26-6	MC	S	7/25	
	Intact / Broken*			11	↓	↓		
2. Chain-of-Custody	Present / Absent*			15E	ILA	W		
3. Traffic Reports or Packing List:	Present / Absent			15	MC	S		
				20			7/28	
4. Airbill:	Airbill / Sticker			30				
	Present / Absent			35				
5. Airbill #:				35D				
6. Sample Labels:	Present / Absent			40				
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody			45				
				25	↓	↓		
8. Sample Condition:	Intact / Broken* / Leaking*			20E	ILA	W		
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: 23 (Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

***If Circled, contact Project Manager and attach record of resolution.**